

Navy Case No. 82,627

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

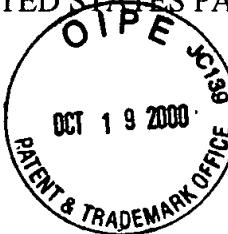
In re application of

Louis F. Aprigliano et al.

Serial No. 09/656,017

Filed: Sept. 7, 2000

For: METHOD OF PRODUCING CORROSION
RESISTANT METAL ALLOYS WITH
IMPROVED STRENGTH AND DUCTILITY



: Group Art Unit:

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Amendment of the above identified application prior to any Official action, is requested
as follows:

IN THE CLAIMS

Kindly add the following claims:

Rule 12.6
Sob
~~9. In a method of casting a ductile alloy having a base metal by heating thereof to produce a molten stream that is atomized into a spray of droplets directed onto a moving substrate surface; the improvement residing in: selecting a corrosion resisting material as a component of the alloy undergoing said heating; exclusively limiting said alloy to the base metal and the corrosion resisting material; and utilizing nitrogen gas to atomize the molten stream into said spray of droplets for deposit onto said surface and increase in strength the ductile alloy.~~

KW
~~6. The method as defined in claim 5, wherein said base metal is nickel and the corrosion resisting material is chromium.~~

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